Air Force DODIIS Infrastructure

The Vision

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Outline

- Why
- Who
- Where
- When
- What
- How
- Predictions
- Challenges

Why - What is driving the AFDI

- The DII COE Mandate
- Operational requirements
- Fiscal realities
- Personnel resources

Who - the AFDI Team

- A proven development team
  - DEXA-497IG
  - Lab-AFRL/IFEB
  - Unified Commands
    - USCENTCOM
    - USSPACECOM
  - Development Contractors
    - Sterling Software
    - BTG

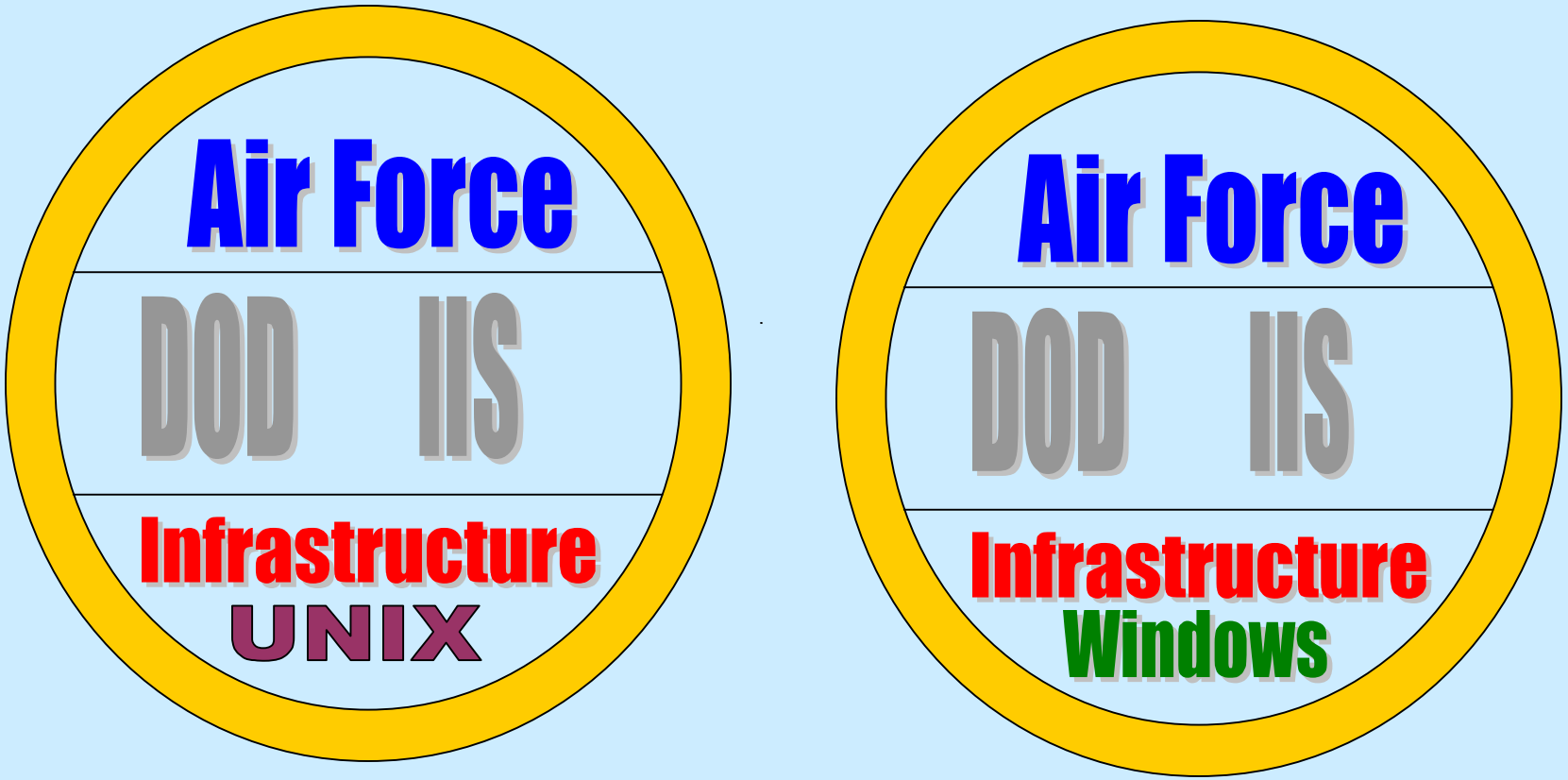
Where - Customers

- DODIIS
- Military Services
- National Customers
- Reserve Forces
- DEXAS & Program Managers
- Industry Partners

When - Starting Now

- Phase 1- 1999 - Version 1
- Phase 2 - 2000 - Version 2
- Phase 3 - 2001 - Version 3
- Phase 4 - 2002 - Version 4
- Phase 5 - 2003 - Version 5

Air Force DODIIS Infrastructure



What - AFDI Deliverables

- AFDI Segments
  - AFDI UNIX Resource Kit CD
    - Infrastructure Segments
    - Data Segments
    - Tool Segments
    - Document Set
  - AFDI Windows Resource Kit CD
    - SECUTL Segments
    - Data Segments
    - Tool Segments
    - Document Set

What - AFDI Deliverables (2)

- Life Cycle Management
  - DEXA - Community Representative
  - Program Management
  - Acquisition
  - Development
  - Integration
  - Testing
  - Certification

What - AFDI Deliverables (3)

- Life Cycle Management (continued)
  - Installation
  - User Group Support
  - Configuration Management
  - Help Desk Support

How - A Plan

- Phased Approach
  - Phase 1 - Initial Development -1999
    - AFDI Segments
    - AFDI Tool Segments
    - Data Segments
    - Beta Testing
    - Certification
    - Fielding Decision
    - Initial Deployments (early adopters)

How - A Plan (2)

- Phase 2 - Deployment Development - 2000
  - Target Baseline - end state configuration
  - Integration of COTS Products
  - Intelligence Mission Application Segmentation (by other DEXAS)
  - Site Unique Mission Application Segmentation (by Unified Commands)
  - Certification
  - Fielding Decision
  - Deployments

How - A Plan (3)

- Phase 3 - Deployments in Community - 2001
  - Integration of IMAs, Site ‘Uniques’, and Site Infrastructure
  - Adoption of Enterprise COTS products in Community
  - Increased Community focus on Enterprise management

How - A Plan (4)

- Phase 4 - Achieving Infrastructure Maturity - 2002
  - Trade-off between Operating System capabilities and add-on products (COTS & GOTS)
  - Enterprise Management is recognized as a Community requirement

How - A Plan (4)

- Phase 5 - Mature Infrastructure - 2003
  - Operating Systems deliver System High security
  - Enterprise Management becomes mature part of Community infrastructure

Predictions - A view of a future.

- Global Grid
  - Intelink everywhere - Distance is dead
- Global Awareness
  - The NET never sleeps - Time is not our enemy
- Information Dominance
  - We know - They don’t
- Information Assurance
  - They are not going to find out - until we want them to

Prediction - Our future IT.

- Servers
  - Secure
  - Consolidated applications
  - Web based access
  - Servers and data are our enterprise investment (Knowledge Base)
  - Middleware is our continuing challenge
  - Very high priced

Prediction - Our future IT. (2)

- Servers (continued)
  - Performance finally realized
  - Reliability
  - Availability
  - Backup
  - Manageable
  - Deployable

Prediction - Our future IT. (3)

- Clients - Desktops & Laptops
  - Secure
  - Web based clients
  - Anyplace, Anytime logon
  - Support satellite Palm / Pen computers
  - Desktop computers are appliances - low priced
  - Power users still pay big prices

Prediction - Our future IT. (4)

- Personal Clients - Palm / Pen based
  - Secure
  - Web Based clients
  - Anyplace, Anytime logon
  - Synchronize and deploy
  - Operationally useful when disconnected
  - Disposable - destroy data - throw away devices
  - Very low priced

Challenges

- Show me the money
  - AF start-up funding
  - Source of completion funding?
- Politics